



- Look very carefully at both sides of the leaf inside your bag, and at the sides and corners of the bag. Use a magnifying glass or hand lens if possible.
- Identify the tiny insects using the photos and descriptions below. The insects in your bag may have died so the colours may not be as bright as in the photos.
- Count the tiny insects that have emerged from the mines in the leaf – are they alien moths, pest controllers, or other insects?

**Look for insects between 19 and 23 July (inclusive)**

**Alien moths** properly known as horse chestnut leaf-mining moths

- DO count adult moths: metallic orangey brown colour with white stripes. 5 mm long
- DON'T count caterpillars: some emerge from the leaf before they turn into adult moths
- DON'T count pupal cases: some have legs but they are dark brown and lack white stripes



**Pest-controllers** are tiny parasitic wasps

- Shiny
- Dark in colour (sometimes with a pale patch)
- Have unpatterned wings
- Have very narrow 'waists'
- 2-3 mm long



**All other insects.** You might find leaf hoppers, bark-flies, aphids or other insects.

- Never shiny
- Often pale brownish or greenish in colour
- Wings may be lacking or may be patterned
- Often have rounded or elongated bodies
- 2-5 mm long



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Submit the number of each type of insect at [www.ourweboflife.org.uk](http://www.ourweboflife.org.uk)  
Click on 'Mission: pest controllers'